

HOLYOKE
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	26.24	22	84	Male	14.03	10	71
Female	11.58	15	130	Female	12.36	11	89
Total	37.82	37	98	Total	26.39	21	80
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	7.69	9	117	Male	4.71	10	212 #+
Female	7.52	6	80	Female	4.96	6	121
Total	15.21	15	99	Total	9.66	16	166
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	1.63	1	NC*	Male	19.12	13	68
Female	158.47	137	86	Female	20.17	23	114
Total	160.10	138	86	Total	39.29	36	92
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	9.50	17	179 #+	Male	14.89	21	141
				Female	8.67	10	115
				Total	23.56	31	132
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	65.44	73	112	Female	18.79	23	122
Female	75.29	69	92				
Total	140.73	142	101				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	8.69	10	115	Male	9.41	11	117
Female	3.85	9	234 #+	Female	12.01	15	125
Total	12.54	19	151	Total	21.42	26	121
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	3.57	3	NC*	Male	151.72	121	80 #-
Female	3.16	5	158				
Total	6.73	8	119				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	13.73	13	95	Male	11.05	10	90
Female	9.52	6	63	Female	8.21	2	NC*
Total	23.26	19	82	Total	19.26	12	62
<u>Larynx</u>				<u>Testis</u>			
Male	8.07	13	161	Male	4.71	2	NC*

Female	2.46	2	NC*				
Total	10.53	15	142				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	10.88	7	64	Male	2.55	0	NC*
Female	9.51	11	116	Female	7.63	14	184 #+
Total	20.40	18	88	Total	10.18	14	138
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	4.79	4	NC*				
Female	2.46	2	NC*	Female	30.26	48	159 ~+
Total	7.25	6	83				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	79.11	90	114	Male	496.74	471	95
Female	66.09	58	88	Female	523.62	533	102
Total	145.20	148	102	Total	1020.36	1004	98

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels